Military Packaging Simplification Study (MPSS)

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Outline

- **Background**
- **Results Summary**
- **Status**

Background

In Mid-1986:

- **Joint Packaging Coordinating Group (JPCG) sponsored the DOD MPSS**
  - **Examine ways simplify military packaging; Prompted by complaints from:**
    - ✓ Depots
    - ✓ Troop Installations
    - ✓ Field Units
    - ✓ Industry
  - **Concerned by DOD's complex packaging requirements**

Background (cont'd)

- **Five working groups established**
  - **Group 1: Policy Regulations (including Levels of Protection)**
  - **Group 2: Procedural Documents**
  - **Group 3: Materials and Methods of Preservation**
  - **Group 4: Modular Containers/Automation**
  - **Group 5: Cost/Benefit Analysis**

- **In June 1988: Project Director appointed**
  - **Gather, consolidate and report the findings of each study group**
- **In January 1989: Study groups disbanded**

Background (cont'd)

- **Project Director's Team organized (Services & DLA)**
  - **Prepare report of findings & recommendations in following areas:**
    - ✓ Levels of Protection Policy
    - ✓ Policy Documents
    - ✓ Procedural Documents
    - ✓ Automated Systems

- **Final Report Issued 30 June 1989. It documents:**
  - **Recommendations (derived from combined efforts of each study group)**
  - **Supporting implementation proposals**
  - **Cost-benefit data**

Results Summary

- **Policy:**
  - **Revise Levels of Preservation and Levels of Packing**
  - **Consolidate**
    - ✓ Obtaining, Storing & Retrieving Container Design Data
    - ✓ Lead Activities for Testing Materials and Processes
    - ✓ Coordinating Packaging Policies & Procedures
    - ✓ DOD Training Committee Regulations into Joint Reg
- **Procedural Documents:**
  - **MIL-P-116**
    - ✓ Revise MOP Designators
    - ✓ Delete 5 Submethods of Preservation
    - ✓ Delete Process Designators
    - ✓ Consolidate MIL-P-116 into MIL-STD-2073-1

Results Summary (Cont'd)

- **Procedural Documents: (Continued)**
  - **MIL-STD-2073-1**
    - ✓ Restructure (include MIL-P-116/new LOP definitions, etc.)
  - **MIL-STD-2073-2**
    - ✓ Restructure
    - ✓ Delete Table Ia
    - ✓ Delete 197 codes
  - **Commodity Specifications**
    - ✓ Delete Section 5
  - **Other Packaging Documents**
    - ✓ Delete 51 "Packaging Of" type documents
    - ✓ Consolidate 68 documents into 21

Results Summary (Cont'd)

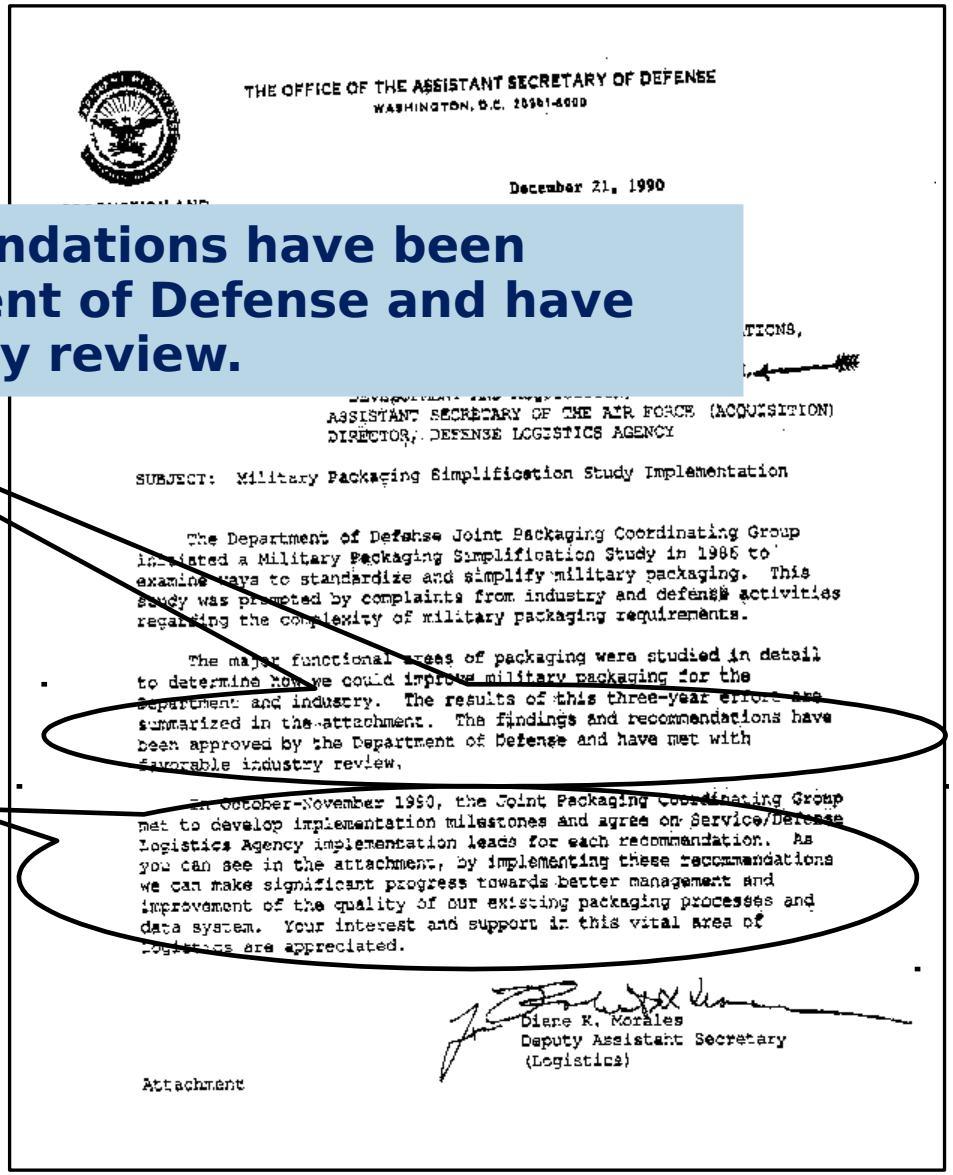
- **Procedural Documents: (Continued)**
  - **DOD Packaging Data System**
    - ✓ Form Task Group
    - ✓ Standardize
    - ✓ Implement Sequential Coding System

Results Summary (Cont'd)

- **The findings and recommendations have been approved by the Department of Defense and have met with favorable industry review.**

- **…by implementing these recommendations we can make significant progress towards better management & improvement of the quality of our existing packaging processes and data system.**

- **OASD: Implementation Memorandum – December 21 1990 Cover Page**



THE OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
WASHINGTON, D.C. 20301-8000

December 21, 1990

…TICNS,

ASSISTANT SECRETARY OF THE AIR FORCE (ACQUISITION)
DIRECTOR, DEFENSE LOGISTICS AGENCY

SUBJECT: Military Packaging Simplification Study Implementation

The Department of Defense Joint Packaging Coordinating Group initiated a Military Packaging Simplification Study in 1986 to examine ways to standardize and simplify military packaging. This study was prompted by complaints from industry and defense activities regarding the complexity of military packaging requirements.

The major functional areas of packaging were studied in detail to determine how we could improve military packaging for the Department and industry. The results of this three-year effort are summarized in the attachment. The findings and recommendations have been approved by the Department of Defense and have met with favorable industry review.

In October-November 1990, the Joint Packaging Coordinating Group met to develop implementation milestones and agree on Service/Defense Logistics Agency implementation leads for each recommendation. As you can see in the attachment, by implementing these recommendations we can make significant progress towards better management and improvement of the quality of our existing packaging processes and data system. Your interest and support in this vital area of logistics are appreciated.

Diane K. Morales
Deputy Assistant Secretary
(Logistics)

Attachment

Results Summary (Cont'd)

- **Policy Documents Recommendations.**
- **Procedural Documents Recommendations.**

MILITARY PACKAGING SIMPLIFICATION STUDY

SUMMARY OF RECOMMENDATIONS/IMPLEMENTATION ACTIONS

POLICY DOCUMENTS:

o Consolidate "Obtaining, Storing, and Retrieving Container Design Data;" "Lead Activities for Testing Packaging Materials and Processes;" "Coordinating Packaging Policies and Procedures;" and the DoD Packaging Training Committee regulation into Joint Regulation 700-15. (Implementation lead: Army (Tobyhanna))

o Revise Level of Protection Definitions to coincide with today's Logistics environments. Separate Packing and Preservation definitions into distinct entities with clearer application criteria. (Implementation lead: Army/All DoD)

PROCEDURAL DOCUMENTS:

o Implement changes for MIL-P-116 and MIL-STD-2073:

oo Incorporate MIL-P-116 into MIL-STD-2073. (Implementation lead: Navy (NAVAIR))

oo Delete five Submethods of Preservation. Use of Submethods IC9, IC10, IC4, IC7 and IA6 is negligible. (Implementation lead: Navy (NAVAIR))

oo Revise MIL-P-116 method of preservation (MCP) designators. Today's MCP designations are difficult to remember. They are not logically sequenced and contain a mixed-bag designation system of descriptive words, alphabetical characters, roman numerals and numerics. They are varying in character length as well. A more logical system is needed and would eliminate dual coding. (Implementation lead: Navy (NAVAIR))

oo Eliminate process designators for cleaning, drying and preservative. These designations have outlived their usefulness. (Implementation lead: Navy (NAVAIR))

oo Reorganize MIL-STD-2073-1. A more logical sequence for the document would facilitate use and is required to incorporate MIL-P-116. (Implementation lead: Navy (NAVAIR))

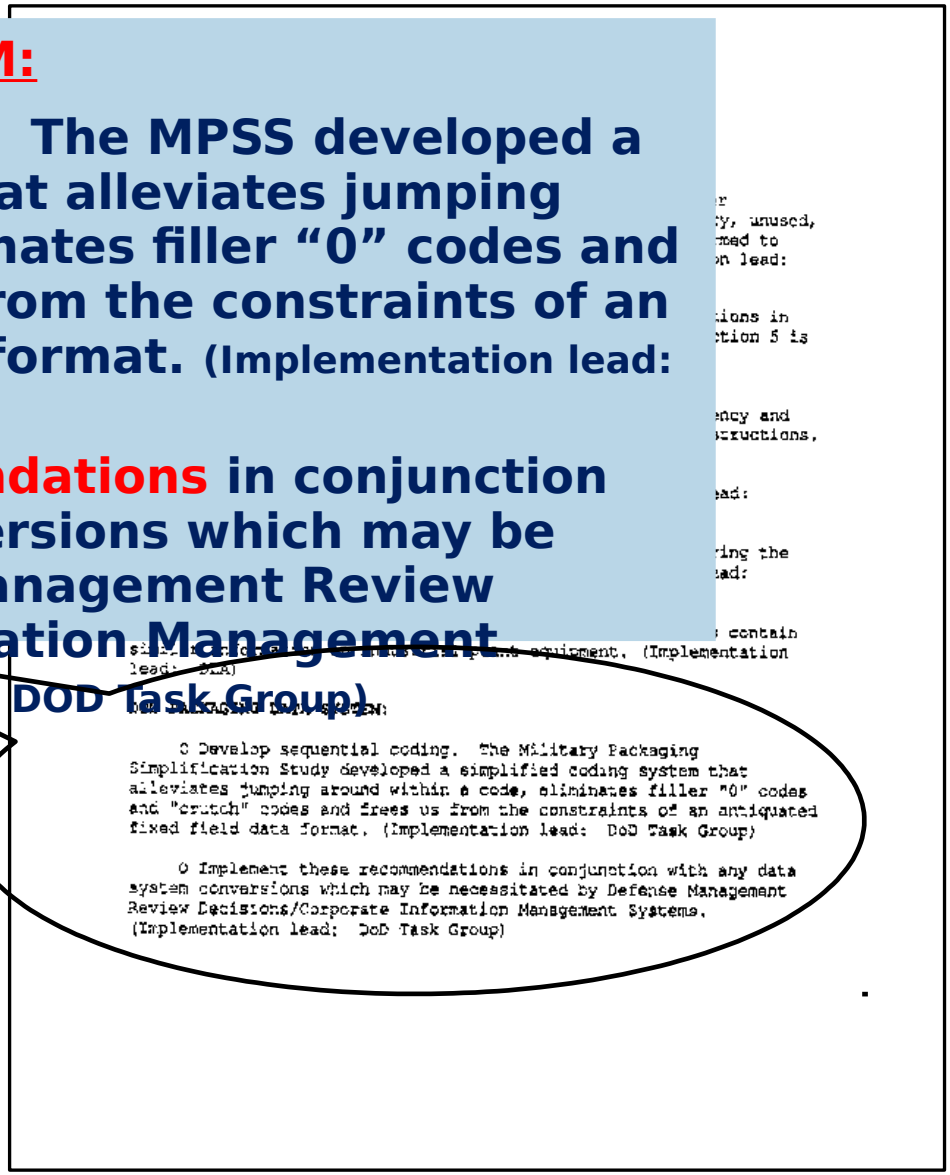
ATTACHMENT

- **OASD: Implementation Memorandum – December 21 1990 Attachment Page 1**

Results Summary (Cont'd)

DOD PACKAGING DATA SYSTEM:

- **Develop Sequential Coding.** The MPSS developed a simplified coding system that alleviates jumping around within a code, eliminates filler "0" codes and crutch codes and frees us from the constraints of an antiquated fixed field data format. (Implementation lead: DOD Task Group)
- **Implement these recommendations** in conjunction with any data system conversions which may be necessitated by Defense Management Review Decisions/Corporate Information Management Systems. (Implementation lead: DOD Task Group)



- Develop sequential coding. The Military Packaging Simplification Study developed a simplified coding system that alleviates jumping around within a code, eliminates filler "0" codes and "crutch" codes and frees us from the constraints of an antiquated fixed field data format. (Implementation lead: DoD Task Group)
- Implement these recommendations in conjunction with any data system conversions which may be necessitated by Defense Management Review Decisions/Corporate Information Management Systems. (Implementation lead: DoD Task Group)

- **OASD:** Implementation Memorandum – December 21 1990 **Attachment Page 2**

Status

- **Policy & Procedural Documents Recommendations:**
  - **Implemented.**
- **Packaging Data System/Sequential Coding:**
  - **Not Implemented.**

Sequential Packaging Code

Sequential Packaging Code:	52	DN	FE	JF	KG	NR	ME	FT	JP	ND	UB	UD
Method of Preservation												
MIL-P-17667, Type II, creped neutral paper												
A-A-1898, Gr. II cellulosic cushioning												
One inch thick cushioning												
Eight units of MIL-D-3464, Type I desiccant												
PPP-B-566 folding box												
MIL-DTL-117, Type II, Class E, Style 1 opaque watervaporproof bag												
MIL-PRF-26514, Type I, Class 2, Grade A flexible polyurethane foam cushioning												
Three inches thick cushioning												
ASTM-D5118, Type CF, Class weather resistant corrugated fiberboard box												
Mark "Method 50"												
Mark "Delicate Instrument"												

Questions?

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